1/1/03

FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

ATTY, DOCKET NO. APPLICATION NO. CONFIRMATION NO. 10/614.855 200300074

GROUP

APPLICANT Xiao-An Zhang FILING DATE Filed Herein

(Use several sheets if necessary)

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	1A				
	1B				
	1C				
	1D				
	1E	111			
	1F		<u> </u>		
	iG				
	1H	×			
	11				
	14				
	1K				•

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Transle attaci
1L					$\overline{}$
1M					-
1N					1
10					
10					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

M		Supramolecules. Dissertation, Helsinki University of Technology, Presented 23 November 2001, 35 pp.	
	1R	Chambron, Jean-Claude, et al., "Rotaxanes and Other Transition Metal-Assembled Porphyrin Arrays for Long-Range Photoinduced Charge Separation", Coordination Chemistry Reviews, Vols. 178-180, 1998, pp. 1299-1312.	- L
	15	Lehn, Jean-Marie, "Supramolecular Chemistry-Scope and Prespectives Molecules-Super molecules-Molecular Devices", Nobel Lecture, Paris, 8 December 1987.	-
EYAMI	NED	DATE CONSIDERED 2 /2 /	

J. Re

		TO 4440		ATTY. DOCKET NO.	APPLICATION NO	CONFIRMATION	
		TO-1449		200300074	10/614,855		
		PATENTS AND PU	JELICATIONS FOR	APPLICANT			
A.	-00		MENT	Xiao-An Zhang			
	ſU	se several sheets i	f necessary)	FILING DATE Filed Herein	GROUP		
				Filed Herein			
EFEREN	ICE	DESIGNATION	U.S. PA	TENT DOCUMENTS			
AMINER NITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Column Relevant Passages	os, Lines Where or Figures Appear	
	2A						
	28						
	2C						
	2D						
	2E						
	2F						
	2G						
	2H						
	21						
	2.J						
\mathcal{A}	2K						
		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lin Relevant Passages/Fig	es Where Tran ures Appear atta	
	2L						
	2М						
	2N						
	20						
	_						

EXAMINER DATE CONSIDERED 3/20/06

Lehn, Jean-Marie, Design of Organic Complexing Agents, Strategles Towards Properties, Institut de Chimie, Universite Louis Pasteur, Strasbourg, France, pp. 1-69.

Keuhl, Christopher J., et al., "Self-Assembly of Molecular Prisms via an Organometallic 'Clip'", Organic Letters, Vol. 4, No. 6, pp. 913-915.

FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

ATTY, DOCKET NO.	APPLICATION NO.	CONFIRMATION	NO.
200300074	10/614,855		
APPLICANT			

Xiao-An Zhang FILING DATE GROUP Filed Herein

REFERENCE DESIGNATION

XAMINER INITIAL	П	DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	3A	4-0			
	3B				
	3C				
	3D				
	3E				
	3F				
	3G				
	3H				
	31				
	3J				
$\overline{}$	3K				

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Transla attach
3L		ž.			+-
 3M					
3N					
 30					
 3P					

M	3Q	Seto, Christopher T., et al., "Molecular Self-Assembly Through Hydrogen Bonding: Aggregation of Five Molecules to Form a Discrete Supramolecular Structure", Journal of American Chemical Society, Vol. 115, 1993, pp. 1321-1329.
Ŕ	3R	Jeong, Kyu-Sung, et al., "Assembly and Binding Properties of Osmate Ester-Bridged Binuclear Macrocycles", Journal of Organic Chemistry, Vol. 64, 1999, pp. 9459-9466.
	38	
EXAMIN	ER,	0 0 DATE CONSIDERED 3/20/06

Sheet 1 of 5

FORM PTO-1449

UST OF PATENTS AND PUBLICATIONS FOR PAPELICANT'S INFORMATION DISCLOSURE

ATTY. DOCKET NO. APPLICATION NO. CONFIRMATION NO. 200300074-1 10/614,855 9152

APPLICANT

JAN 0 3 2008 (Use several sheets if necessary)

XIAO-AN ZHANG ET AL
FILING DATE GROUP
7/7/2003 2823

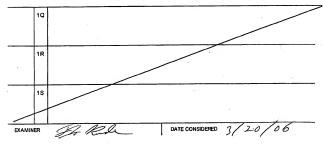
MADERIC DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
SIR	1A	6,947,205	9/20/2005	Zhang et al	
1	1B	6,556,470	4/29/2003	Vincent et al	
7	1C	6,731,532	5/4/2004	Vincent et al	
-	1D	6,876,570	4/5/2005	Vincent et al	
	1E	6,822;893	11/23/2004 .	Vincent et al	
7.	1F	6,853,577	2/8/2005	Vincent et al	
	1G	6,809,956	10/26/2004	Vincent et al	
	1H	6,674,932	1/6/2004	Zhang et al	
\neg	11	6,701,035	3/2/2004	Zhang et al	
7	1J	6,763,158	7/13/2004	Zhang et al	
Mn	1K	6,888,978	5/3/2005	Zhang et al	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Translatio attached
11					
11	М				
1	N				
1	0				
-	2		1		



FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.	APPLICATION NO.	CONFIRMATION	NO.
200300074-1	10/614,855		
APPLICANT			
XIAO-AN ZHANG ET	AL		
FILING DATE	GROUP		
7/7/2003	2823		

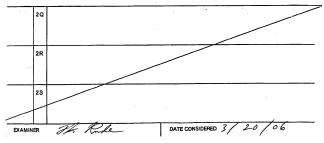
REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
100	2A	6,920,260	7/19/2005	Zháng et al	
	2B	6,805,817	10/19/2004	Zhang et al	
7	2C	6,937,357	8/30/2005	Vincent et al	7
7	20	6,850,230	2/1/2005	Vincent et al	
T	2E	6,940,497	9/6/2005	Vincent et al	
1	2F	6,806,453	10/19/2004	Vincent et al	
	2G	6,670,981	12/30/03	Vincent et al	
	2H	6,815,706	11/9/2004	Li et al	1 . /
7	21	6,763,158	7/13/04	Zhang et al	
7	2J	6,867,427	3/15/04	Zhang et al	7
An	2K	6,751,365	6/15/04	Zhang et al	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Translati attache
21					_
21	и				
21	١ -				
20					
21	2			·	T



PATENT APPLICATION

Sheet 3 of 5

FORM PTO-1449
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE
STATEMENT

ATTY. DOCKET NO. APPLICATION NO. CONFIRMATION NO. 200300074-1 10/614,855 APPLICANT XIAO-AN ZHANG ET AL FILING DATE GROUP

2823

(Use several sheets if necessary)

DESIGNATION	

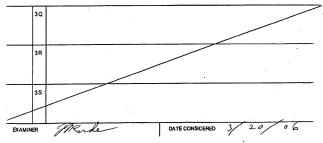
U.S. PATENT DOCUMENTS

7/7/2003

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
M	3A	6,853,478	2/8/2005	Vincent et al	
	3B	6,795,230	9/21/2004	Vincent et al	
7	зС	6,942,312	9/13/2005	Leung et al	
7	3D	6,512,119	1/28/2003	Bratkovski et al	
	3E	6,624,002	9/23/2003	Bratkovski et al	
	3F	5,866,284	2/2/1999	Vincent	
\neg	3G	6,045,955	4/4/2000	Vincent	
	зн	6,663,797	12/16/2003	Bratkovski et al	
	31	6,757,457	6/29/2004	Zhang et al	1 . /
$\overline{}$	3J.	6,778,165	8/17/2004	Hubby et al	
m	3K	6,934,424	8/23/2005	Zhang et al	· V.

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translatio attached
 3L			-		7
 зм					Ш.
3N					
30					
 3P					



PATENT APPLICATION Sheet 4 of 5

FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO. APPLICATION NO. CONFIRMATION NO. 200300074-1 10/614,855 APPLICANT

XIAO-AN ZHANG ET AL

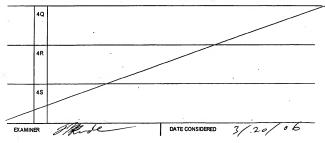
FILING DATE | GROUP 7/7/2003 | 2823

REFERENCE DESIGNATION	U.S. PATENT DOCUMENTS

EXAMINE		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
THE	4A	2003-0071780	4/17/2003	Vincent et al	/
	4B	2004-0095309	5/20/2004	Vincent et al	. /
7	4C	2002-0176276	11/29/2002	Zhang et al	
	4D	2004-0080804	4/29/2004	Vincent et al	
7	4E	2003-0194630	10/16/2003	Beck et al	
7	4F	2004-0122233	6/24/2004	Beck et al	
\top	4G	2004-0084661	5/6/2004	Zhang et al	7
	4H	2005-0006640	1/13/2005	Jackson et al	
\neg	41	2005-0194526	9/8/2005	Zhou et al	
7	4J	2005-0040417	2/24/2005	Li et al	
TR	4K	2004-0041799	3/4/2004	Vincent et al	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Translatio attached
4L					_
4M					
4N					Γ-
40					
4P					



FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO. 200300074-1 APPLICATION NO. 10/614,855 APPLICANT

2823

XIAO-AN ZHANG ET AL
FILING DATE | GROUP

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

7/7/2003

EXAMINER		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
AR .	5A	2005-0084204	4/21/2005	Zhou et al	
112	58	2005-0052983	3/10/2005	Vincent et al	
7	5C				
	5D				
	5E				
	5F				<u>- </u>
	5G		-		
	5H				
	51				
	5J				
	5K				

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translatio attached
	5L					_
-	5M					1
	5N					
	50					
	5P					1

